



## CENTROSOL / ABS

Product information			
Trade name:	CENTROSOL		
Abbreviation ISO 1043:	ABS		
Designation:	Acrylnitrile butadiene Styrene copolymer		
Type of polymer:	Thermoplastic		
Food compliance BfR:	o.r.		
Food compliance FDA:	o.r.		
Colour:	Natural		
Short description			
ABS is a semi-crystalline thermoplastic, which is characterised by excellent resistance to scratching, as well as its outstanding toughness and stiffness. ABS is applicable within the temperature range of -45 to + 100 °C. ABS possesses excellent noise reduction and is physiologically safe. Due to its excellent mechanical properties, ABS is often used in precision engineering. ABS is available in the colour natural, as well as in custom colours upon customer request.			
Properties			
➤ Density:	1.05 g/cm³	ISO 1183	
➤ Tensile modulus of elasticity:	2,600 MPa	ISO 527-2	
➤ Specific surface resistance:	10 <sup>15</sup> Ohm	IEC 60093	
➤ Temperature for usage in air (max. short term):	-		
Field of use		Field of application	
➤ Automotive industry		➤ Operation components	
➤ Electrical industry			
➤ Mechanical engineering			
➤ Medical technology			
➤ Plastics industry			
➤ More industries			
Delivery program			
	Rods	20 – 150 mm	
	Plates	on request	
Stock lengths:		1,000 mm   3,000 mm	
Tolerance length:		0% to +3%	
Additional dimensions available on request.			